

INTERNATIONAL SEARCH REPORT

Invention Location No

PCT/EP 03/08493

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M29/02 A61M25/10 A61F2/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 597 506 A (TERUMO CORP) 18 May 1994 (1994-05-18)	1,2,6-9
Y	column 5, line 48 -column 12, line 37 column 28, line 40 -column 30, line 6; figures 1,13	4,5,10
X	US 5 545 135 A (IACOB MIHAI ET AL) 13 August 1996 (1996-08-13) column 4, line 14 -column 5, line 2; figures 6-6B	1,2,6,7, 9
Y	WO 93 20883 A (PILOT CARDIOVASCULAR SYST INC) 28 October 1993 (1993-10-28)	4,5,10
A	page 9, line 23 -page 12, line 17 page 36, line 20 -page 39, line 11; figures 14-19	6-8
	--- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

21 November 2003

Date of mailing of the international search report

03/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

PASCAL, A

INTERNATIONAL SEARCH REPORT

Application No
PCT/EP 03/08493

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 571 240 A (SAMSON WILFRED J ET AL) 18 February 1986 (1986-02-18) column 1, line 1 -column 2, line 47; figure 1 ----	1,5,10
X	EP 0 855 171 A (TERUMO CORP) 29 July 1998 (1998-07-29) column 3, line 11 -column 12, line 14; figures 1,2 -----	1,2,8,9

INTERNATIONAL SEARCH REPORT

Information on patent family members

Application No

PCT/EP 03/08493

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0597506	A	18-05-1994	JP 2271873 A	06-11-1990
			JP 7098064 B	25-10-1995
			EP 0597506 A1	18-05-1994
			AU 628873 B2	24-09-1992
			AU 4363089 A	26-04-1990
			CA 2001057 A1	20-04-1990
			DE 68919996 D1	26-01-1995
			DE 68919996 T2	24-05-1995
			DE 68928881 D1	28-01-1999
			DE 68928881 T2	12-05-1999
			EP 0365993 A1	02-05-1990
			ES 2064416 T3	01-02-1995
			JP 2106527 C	06-11-1996
			JP 3073167 A	28-03-1991
			JP 8004628 B	24-01-1996
<hr/>				
US 5545135	A	13-08-1996	NONE	
<hr/>				
WO 9320883	A	28-10-1993	US 5203772 A	20-04-1993
			AU 3942393 A	18-11-1993
			EP 0636039 A1	01-02-1995
			JP 7505554 T	22-06-1995
			US 5372587 A	13-12-1994
			US 5308324 A	03-05-1994
			WO 9320883 A1	28-10-1993
			US 5480382 A	02-01-1996
<hr/>				
US 4571240	A	18-02-1986	NONE	
<hr/>				
EP 0855171	A	29-07-1998	JP 10201853 A	04-08-1998
			EP 0855171 A2	29-07-1998
			US 6106530 A	22-08-2000
<hr/>				